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E. H. PARKER
3647 SANSOM ST.,
PHILA., PA.
PHONE: EVERGREEN 5508





Pneumatic Sewage Ejectors

for handling

RAW SEWAGE

BELOW

SEWER LEVEL



E. H. PARKER

3647 Sansom Street, Philadelphia, Pa.

Bell Phone, Evergreen 5508



Pneumatic Ejectors

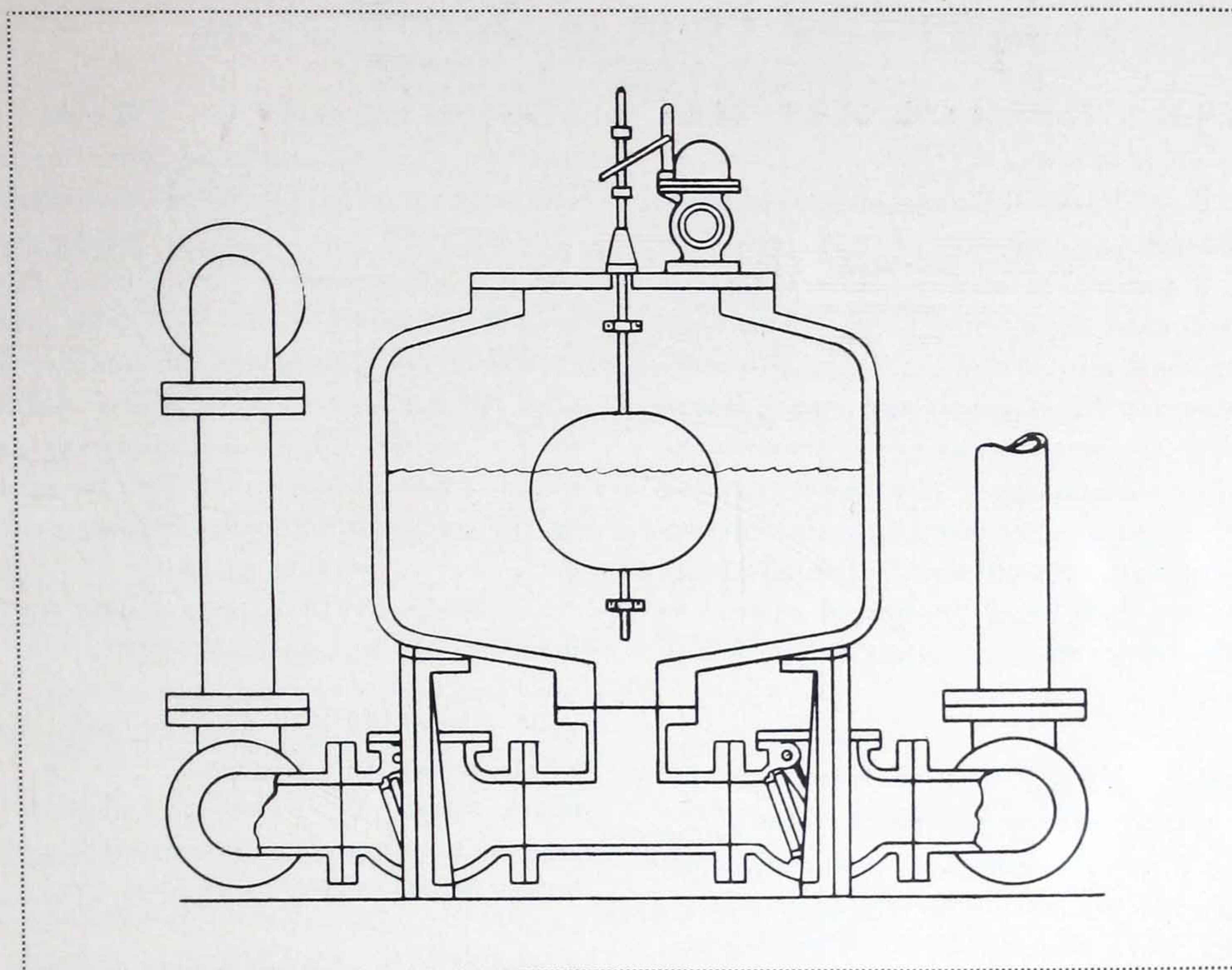


THE increasing demand for complete sanitation in handling raw sewage below sewer level has led us to perfect a pneumatic sewage ejector which is entirely automatic. Its instantaneous success has led to its extensive use wherever a thoroughly reliable discharge system is required.

OUR ejectors are equipped with pots which are definitely superior in several important respects. With our ejector pots, that escape of sewer gas, which occurs wherever the old-style open, or partially open, tanks are used, is impossible. They are absolutely airtight in themselves, and when properly installed in relation to the vent system of the building preclude any escape whatever of gas. The old-style strainers also are entirely eliminated; any sewage entering the pot by gravity is expelled through lines of ample area to prevent all clogging. The pots are made of a close-grain chemical mixture of cast iron which withstands 150 pounds pressure. In contour they are so designed that no solids or waste of any kind can possibly remain in them.

Our ejectors have an operating valve which is also superior. An efficient operating valve must be 100% automatic in operation; and after over twenty years of actual experience installing various equipment of this character we now offer the patented "B. P. Valve," as being 100% automatic and absolutely foolproof. Made entirely of Phosphor Bronze, it is operated by air pressure to insure positive opening and closing. It is controlled by a Sylphon arrangement guaranteed by the manufacturer to function 1,250,000 times, at the pressure for which it is designed.

Our B. P. Valve is especially perfected to take care of peak loads and flood conditions. The air receiver connected with it always maintains a pressure several atmospheres above that re-



Cross Section Showing Operation

quired for discharge, with the result that the valve admits of from three to four discharges per minute. This feature alone represents a 300% to 400% safety factor for emergency use. Furthermore, as over against the weighted type of operating valve, with its excessive wear, our B. P. Valve has an air-saving feature which amounts to 60% to 75% saving.

Our superior ejectors, used in conjunction with the present day Auto-

matic Air Compressor and Electric Control, do more, and do it better, than any other ejectors on the market. We feel that we have achieved the ultimate for handling raw sewage in the most efficient manner possible.

We give an unqualified guarantee of one year, assuring the owner that there will be absolutely no expense to him for that period. This guarantee also includes our twenty-four hour service.

721-98019-18 C1



Suggested Form of Specification

GENERAL: Furnish and install, where shown on plans, one ^{single}_{duplex} gallon E. H. Parker Pneumatic Sewage Ejector, having a capacity of not less than gallons of unscreened sewage per minute against the existing head. This Contractor shall also furnish and erect the Air Compressors, Air Receiver and Switch Board and shall connect the Sewage Ejector to the Intake and Discharge of the Sewer, making all proper pipe connections to insure a complete automatic installation. The Electrical Contractor shall bring the proper current to the Switchboard and connect same to Motors.

SEWAGE EJECTORS: Furnish and install, where shown on plans, one ^{single}_{duplex} gallon Cast Iron Automatic Sewage Ejector, as manufactured by E. H. Parker, 3647 Sansom Street, Philadelphia, Pa., complete with patented B. P. Phosphor Bronze Operating Valve and Float Mechanism, Copper Alloy Float, properly bypassed Leslie Reducing Valve complete with Strainer and low pressure Gauge, also flanged, iron body, brass mounted, non-clogging Check Valves together with Gate Valves and headers. Ejectors, if duplex, shall be cross connected in such a manner that either one may be shut off without interfering with the operation of the other. All Fittings shall be standard cast iron made up with $\frac{1}{8}$ " Gaskets.

AIR COMPRESSORS: Furnish and install, where shown on plans, ^{one}_{two} Ingersoll Rand Type Air Compressors, ^{air}_{water} cooled, (if water cooled with automatic water valve), having a capacity of cu. ft.

free air per minute at R.P.M. Compressors shall be equipped with Centrifugal Unloaders and Safety Valves as well as with H.P. Motors wound for available current. Approved Silencer is to be installed in the Air Intake pipe line to insure noiseless operation and an American Air Filter is to be attached to the Air Intake, unless Intake is located at atmosphere. Air Compressors shall be arranged to operate automatically between and pounds pressure.
Note: Steam or Gas Engine driven Air Compressor Data furnished on application.

AIR RECEIVER: Furnish and install, where shown on plans, onex. Black Steel Air Receiver tested to 125 pounds working pressure and equipped with Safety Valve, Gauge and Drip Cock.

AUTOMATIC CONTROL: Furnish and install, where shown on plans, one ^{single}_{duplex} Automatic Switch Board, complete with Pressure Regulators, Automatic Starting Switches, Knife Switch and Fuses, Phase Failure and overload Relays. The above mentioned units shall be of the Enclosed type, mounted on an angle iron frame, for wall or floor mounting, properly wired by the manufacturer so that the Electrical Contractor, by connecting same to the service of the Building and the Motors, shall have completed the Electrical part of the installation.

GUARANTEE: This Contractor shall guarantee the entire installation, for a period of one year, against any further expense to the Owner, providing the Compressors and Motors are properly lubricated.





Installations

American Hotel	Allentown, Pa.
Architects' Building	17th and Sansom Sts. Philadelphia, Pa.
N. W. Ayer & Son, Inc.	Washington Square " "
Bankers Trust Building	3701 North Broad St. " "
" " "	Juniper and Walnut Sts. " "
" " "	713 Chestnut St. " "
Benjamin Franklin Hotel	9th and Chestnut Sts. " "
Wm. Boekel & Son	509 Vine St. " "
Bonwit-Teller Co.	17th and Chestnut Sts. " "
Camden County Court House and City Hall	Camden, N. J.
Camden Safe Dep. and Tr. Co., Broadway and Market Sts.	" "
Cape May Hospital Unit	Cape May, N. J.
Central National Bank	15th and Sansom Sts. Philadelphia, Pa.
Chestnut Hill Hospital	8815 Germantown Ave. " "
Children's Hospital	18th and Fitzwater Sts. " "
City Hall Annex	Juniper and Filbert Sts. " "
Cunningham Piano Co.	1312 Chestnut St. " "
Drexel Building	15th and Walnut Sts. " "
Elks Home	Broad and Wood Sts. " "
Erlanger Theatre	21st and Market Sts. " "
Fidelity-Philadelphia Bldg.	Broad and Walnut Sts. " "
Floyd Bennett Municipal Airport	Brooklyn, N. Y.
Franklin Trust Building	15th and Chestnut Sts. Philadelphia, Pa.
Frank & Seder	11th and Market Sts. " "
Gomery-Schwartz Co.	Broad and Cherry Sts. " "
" " "	213 North Broad St. " "
Guarantee Trust Bldg.	1420 Walnut St. " "
Hano-Wasserman Co.	1513 Walnut St. " "





Market Street National Bank Building
Market and Juniper Streets
Architects—Ritter & Shay.

Lincoln Liberty Building
Broad Street and South Penn Square
Architect—John T. Windrim.



Some of the newer buildings equipped with our ejectors*



Fidelity-Philadelphia Trust Building

Broad and Walnut Streets

Architects—Simon & Simon.

Architects Building
17th and Sansom Streets

Designed by a group of members
of the Philadelphia Chapter Amer-
ican Institute of Architects.



* NOTE—We would call your attention to the fact, in every photograph is also shown
a building previously equipped with our ejectors

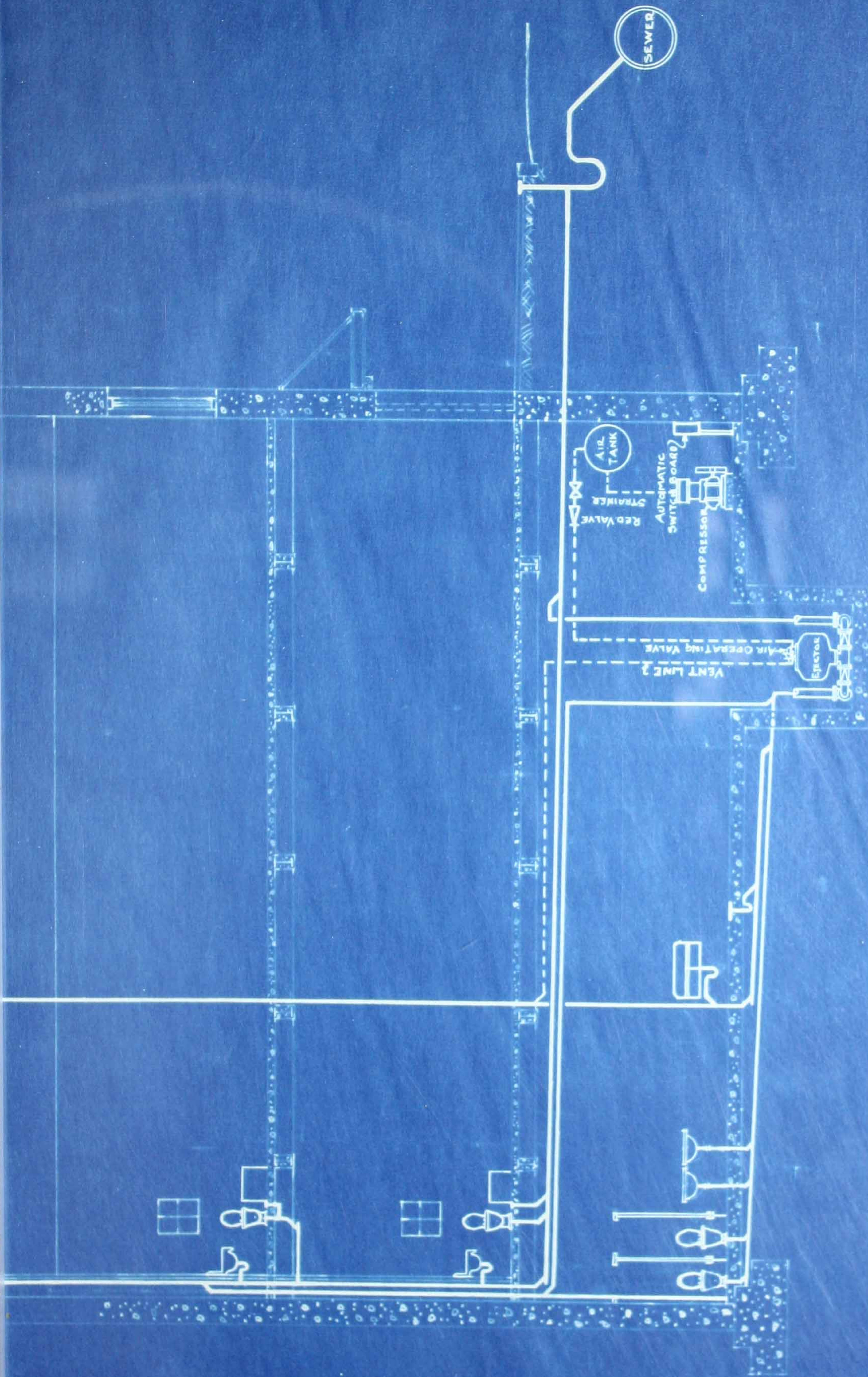


Installations

Hershey Chocolate Co.	Six Units	Hershey, Pa.
Horn & Hardart Baking Co.	16 Broadway	Camden, N. J.
" " "	" " 16th and Chestnut Sts.	Philadelphia, Pa.
" " "	" " 219 South Broad Street	" "
" " "	" " 126 South Fourth Street	" "
*Lafayette Building	5th and Chestnut Sts.	" "
Leeds & Northrup Co.	4901 Stenton Ave.	" "
Lit Brothers	7th and Market Sts.	" "
Lincoln-Liberty Building	Broad St. and South Penn Sq.	" "
Market Street National Bank	Juniper and Market Sts.	" "
N. J. Zinc Company	Office Building	Palmerton, Pa.
Norristown Penn Trust Co.		Norristown, Pa.
Penna. Hotel	39th and Chestnut Sts.	Philadelphia, Pa.
Philadelphia Record Building	Broad and Wood Sts.	" "
Provident Trust Building	17th and Chestnut Sts.	" "
Real Estate Trust Building	Broad and Chestnut Sts.	" "
Rittenhouse Plaza	19th and Walnut Sts.	" "
S. W. National Bank	Broad and South Sts.	" "
Steel Pier		Atlantic City, N. J.
Stewart Memorial Armory		Norristown, Pa.
Subway-North Broad Street	39 Units	Philadelphia, Pa.
" South Broad Street	3 " "	" "
*Union League	Broad and Sansom Sts.	" "
University Club	16th and Locust Sts.	" "
Wissahickon Barracks		Cape May, N. J.
West End Trust Co.	Broad and South Penn Sq.	Philadelphia, Pa.
*Vendig Hotel	13th and Filbert Sts.	" "

*Represents installations where the B-P valve has replaced other equipment.





Ejector installed in building in accordance with Plumbing Rules of City of Phila. Code showing the draining of fixtures below the level of the Sewer
The Ejector Pot, Air operating Valve, flanged Gate Valves, Check Valves and flanged Connecting fittings are furnished complete.

The Air Compressing plant should include air compressors with motors, automatic control to maintain the required pressure and an air storage tank with safety Valve, pressure gauge and drain cock

